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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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| Application Number     | 09/428,122               |
|------------------------|--------------------------|
| Filing Date            | October 27, 1999         |
| First Named Inventor   | Murdin                   |
| Group Art Unit         | Not Yet Assigned 1645    |
| Examiner Name          | Not Yet Assigned \$ Devi |
| Attorney Docket Number | 19721-007 (PMC-7)        |

|                  |             |                             |            | U.S. PATENT DOCUMENTS               |       |              |                               |
|------------------|-------------|-----------------------------|------------|-------------------------------------|-------|--------------|-------------------------------|
| Exam<br>Initials | Cite<br>No. | U.S. Patent<br>Document No. | Issue Date | Name of Patentee(s) or Applicant(s) | Class | Sub<br>Class | Filing Date<br>If Appropriate |
|                  |             |                             |            |                                     |       |              |                               |

|                  |             |                  |                             | FOREIGN PATENT DOCUMENTS            |                        |                       |
|------------------|-------------|------------------|-----------------------------|-------------------------------------|------------------------|-----------------------|
| Exam<br>Initials | Cite<br>No. | Foreig<br>Office | n Patent Document<br>Number | Name of Patentee(s) or Applicant(s) | Date of<br>Publication | Translation<br>Yes No |
| 5.0              | B1*         | PCT              | WO 99/27105                 | Genset                              | June 3, 1999           | x                     |

|                  |             | OTHER NON PATENT LITERATURE DOCUMENTS   |      |                     |      |
|------------------|-------------|---|------|---------------------|------|
| Exam<br>Initials | Cite<br>No. | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.    |      | -                   |      |
| 5,0              | C1          | Kalman, et al., NATURE GENETICS, 21, 385-389 (1999).                                  | C    | -                   | -71. |
|                  | C2          | Magee, et al., Infection and Immunity, 63:2, 516-521 (1995).                          | 37   | Æ                   | m    |
|                  | C3          | Landers, et al., INFECTION AND IMMUNITY, 59:10, 3774-3777 (1991).                     | 0    | $\overline{\omega}$ | R    |
|                  | C4          | Jackson, et al., Abstracts of the 36th icaac, 272 (1996).                             | 3    |                     | Z    |
|                  | C5          | Magee, et al., REGIONAL IMMUNOLOGY, 5, 305-311 (1993).                                | F    | 200                 |      |
|                  | C6          | Igletseme, et al., REGIONAL IMMUNOLOGY, 5, 317-324 (1993).                            | 70   | 2                   |      |
|                  | C7          | Jones, et al., VACCINE, 13:8, 715-723 (1995).   | ROUT |                     | _    |
|                  | C8          | Pal, et al., Infection and Immunity, 64:12, 5341-5348 (1996).                         |      |                     |      |
|                  | C9          | Hahn, et al., The Journal of the American Medical Association, 266:2, 225-230 (1991). |      |                     |      |
|                  | C10         | Allegra, et al., European Respiratory Journal, 7:2, 2165-2168 (1994).                 |      |                     |      |
|                  | C11         | Björnsson, et al., Scandinavian Journal of Infectious Diseases, 28:1, 63-69 (1996).   |      |                     |      |
|                  | C12         | Hahn, The Journal of Family Practice, 41:4, 345-351 (1995).                           |      |                     |      |
|                  | C13         | Hahn, et al., EPIDEMIOLOGY INFECTION, 117:3, 513-517 (1996).                          | ,    |                     |      |
|                  | C14         | Hahn, et al., Annals of Allergy, Asthma, and Immunology, 80:1, 45-49 (1998).          |      |                     |      |
|                  | C15         | Fong, et al., JOURNAL OF CLINICAL MICROBIOLOGY, 35:1, 48-52 (1997).                   |      |                     |      |
|                  | C16         | Ramirez, et al., Annals of Internal Medicine, 125:12, 979-982 (1996).                 |      |                     |      |
|                  | C17         | Chiu, et al., CIRCULATION, 96:7, 2144-2148 (1997).                                    | • •  |                     |      |
|                  | C18         | Campbell, et al., The Journal of Infectious Diseases, 172:2, 585-588 (1995).          |      |                     |      |
|                  | C19         | Kuo, et al., Arteriosclerosis and Thrombosis, 13:10, 1501-1504 (1993).                |      |                     |      |
|                  | C20         | Kuo, et al., The Journal of Infectious Diseases, 167:4, 841-849 (1993).               | -    |                     |      |
|                  | C21         | Melnick, et al., The American Journal of Medicine, 95, 499-504 (1993).                |      |                     |      |
| 58               | C22         | Saikku, et al., Annals of Internal Medicine, 116:4, 273-278 (1992).                   |      |                     |      |

| Cite<br>No. | OTHER NON PATENT LITERATURE DOCUMENTS  Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc. |  |  |  |  |
|-------------|---|--|--|--|--|
| No.         | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.  |  |  |  |  |
|             |   |  |  |  |  |
| C23         | Grayston, et al., The Journal of Infectious Diseases, 168:5, 1231-1235 (1993).  |  |  |  |  |
| C24         | Campos, et al., Investigative Opththalmology & Visual Science, 36:8, 1477-1491 (1995).                                    |  |  |  |  |
| C25         | Grayston, et al., The Journal of Infectious Diseases, 161:4, 618-625 (1990).  |  |  |  |  |
| C26         | Marrie, Clinical Infectious Diseases, 18:4, 501-515 (1994).   |  |  |  |  |
| C27         | Wang et al., Chlamydial Infections, 329-333 (1986).   |  |  |  |  |
| C28         | Saikku, et al., The Lancet, 2:8618, 983-985 (1988).   |  |  |  |  |
| C29         | Thom, et al., The Journal of the American Medical Association, 268:1, 68-72 (1992).                                       |  |  |  |  |
| C30         | Linnanmäki, et al., CIRCULATION, 87:4, 1130-1134 (1993).  |  |  |  |  |
| C31         | Bachmaier, et al., Science, 283, 1335-1339 (1999).  |  |  |  |  |
| C32         | Iijima, et al., JOURNAL OF CLINICAL MICROBIOLOGY, 32:3, 583-588 (1994).   |  |  |  |  |
| C33         | Campbell, et al., JOURNAL OF CLINICAL MICROBIOLOGY, 28:6, 1261-1264 (1990).   |  |  |  |  |
| C34         | Melgosa, et al., FEMS Microbiology Letters, 112:2, 199-204 (1993).  |  |  |  |  |
| C35         | Watson, et al., MICROBIOLOGY, 141, 2489-2497 (1995).  |  |  |  |  |
| C36         | Watson, et al., Nucleic Acids Research, 18:7, 5299 (1990).  |  |  |  |  |
| C37         | Melgosa, et al., Infection and Immunity, 62:3, 880-886 (1994).  |  |  |  |  |
| C38         | Takase, et al., Journal of Bacteriology, 169:12, 5692-5699 (1987).  |  |  |  |  |
| C39         | Cagnon, et al., Protein Engineering, 4:7, 843-847 (1991).   |  |  |  |  |
| C40         | Casey, et al., Nucleic Acids Research, 4:5, 1539-1553 (1977).   |  |  |  |  |
| C41         | Kunkel, Proc. Natl. Acad. Sci. USA, 82, 488-492 (1985).   |  |  |  |  |
| C42         | Langeveld, et al., VACCINE, 12:15, 1994.  |  |  |  |  |
| C43         | Snijders, et al., The Journal of General Virology, 72:3, 557-565 (1991).  |  |  |  |  |
| C44         | Dion, et al., VIROLOGY, 179:1, 474-477 (1990).  |  |  |  |  |
| C45         | Hughes, et al., Infection and Immunity, 60:9, 3497-3503 (1992).   |  |  |  |  |
| C46         | Wiedmann-Al-Ahmad, et al., CLINICAL AND DIAGNOSTIC LABORATORY IMMUNOLOGY, 4:6, 700-704 (1997).                            |  |  |  |  |
| C47         | McCafferty, et al., Infection and Immunity, 63:6, 2387-2389 (1995).   |  |  |  |  |
| C48         | Campbell, et al., INFECTION AND IMMUNITY, 58:1, 93-97 (1990).   |  |  |  |  |
| C49         | Cotter, et al., INFECTION AND IMMUNITY, 63:12, 4704-4714 (1995).  |  |  |  |  |
| C50         | Chlamydia Genome Project, http://chlamydia-www.berkeley.edu:4231, updated September 23, 1999.                             |  |  |  |  |
| C51         | Shor, et al, S AFR MED JOURNAL, 82, 158-161 (1992).   |  |  |  |  |
|             | C25 C26 C27 C28 C30 C31 C32 C33 C34 C35 C36 C37 C38 C39 C40 C41 C42 C43 C44 C45 C46 C47 C48 C49 C50                       |  |  |  |  |

<sup>\*</sup> A copy of the first page of this reference is provided.

| Examiner<br>Signature | SD | Date<br>Considered | December 2000 |  |
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